



Solutions
for human
progress

Ultrasol® K Plus

Readily available potassium
Most efficient, direct uptake by the plant



Ultrasol®

K Plus

Ultrasol® K Plus potassium nitrate is the ideal potassium source for growing outstanding crops with additional nitrate nitrogen for quick absorption by the plant. It's free from chloride and mixable with all water-soluble sources. This combination makes Ultrasol® K Plus the most all-round and efficient water-soluble K source of its kind.



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**Ultrasol[®]
K Plus**

Key advantages

High purity

Ultrasol[®] K Plus is free of chloride and heavy metals.

Fully soluble

Ultrasol[®] K Plus is a free-flowing, fine crystalline powder that quickly dissolves in water.

Compatibility

Ultrasol[®] K Plus can be mixed with all water-soluble fertilizers and is also compatible with the majority of pesticides in foliar application.

Nitrate nitrogen

Nitrate nitrogen is non-volatile and enhances the uptake of other cations (K^+ , Ca^{2+} , Mg^{2+}). It is the most efficient nitrogen source for plant growth.

No salt accumulation

Ultrasol[®] K Plus can be used to cover the potassium needs of a crop without supplying excess sulfate or chloride.

All around

Due to its low N/K ratio, Ultrasol[®] K Plus is suitable for all crops and growth stages, including flowering and ripening stages.

Fertigation and foliar application

Fertigation

Potassium Nitrate is an indispensable component in all well-balanced fertigation programs. Due to its solubility and availability as a nitrogen and potassium source -two macro nutrients essential to plant life-potassium nitrate is particularly suitable for use in fertigation.

For intensive horticulture, nitrate nitrogen is the optimum nitrogen source. A high NO_3^-/NH_4^+ balance assures sufficient uptake of Ca^{2+} and Mg^{2+} and avoids root degeneration. Additionally, nitrogen losses by volatilization are avoided.

Foliar application

Due to low risk of leaf burning (low EC-value and) and wide compatibility with other plant nutrient sources and pesticides, Ultrasol[®] K Plus is widely recommended for foliar plant nutritional use and is an excellent way to supply additional nitrogen and potassium during critical physiological or environmental conditions.

SQM produces potassium nitrate from Caliche Ore and Salar Brines, two natural resources found in northern Chile, obtained by environmentally friendly processes, such as solar evaporation ponds.



Guaranteed analysis

Nitrate nitrogen (NO_3)	13.7% min
Potassium oxide (K_2O)	46.3% min
Potassium (K)	38.4% min
Chloride (Cl)	<0.2%
Solubility (lb/gal 68°F)	2.6
Insolubles	<0.5%
pH (5% solution)	8-10
Form	Crystalline, odorless powder
Color	White

***Scan to learn more about our sustainability initiatives*



DISCLAIMER

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